

ABSTRACT

An exemplary antenna switching circuit comprises first, second, third and fourth switches. The first switch is activated by a first control signal for establishing a connection between a first transmit port and an antenna; the second switch is activated by a second control signal for establishing a connection between a second transmit port and the antenna; the third switch is activated by a third control signal for establishing a connection between a first receive port and the antenna; and the fourth switch is activated by the third control signal for establishing a connection between a second receive port and the antenna. With this arrangement, the first receive port and the second receive port are simultaneously connected to the antenna when the third switch and the fourth switch are activated by the third control signal.